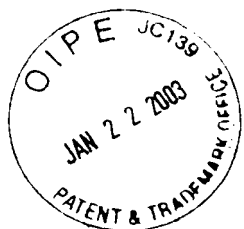


RECEIVED

JAN 30 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1800/2900



In re application of:

John D'Elia

Appl. No. 09/826,206

Filed: April 5, 2001

For: **Ketogulonigenium Shuttle Vectors**

Confirmation No. 2584

Art Unit: 1652

Examiner: Rao, M. N.

Atty. Docket: 1533.1100001/MAC/DJN

**Amendment and Submission of Substitute Sequence Listing
Under 37 C.F.R. § 1.825(a)**

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. § 1.825(a), Applicant submits substitute sheets to amend the paper copy of the Sequence Listing.

In the Specification:

Please cancel the existing Sequence Listing for the above-identified application, replace it with the substitute Sequence Listing appended hereto, and insert the same at the end of the application.

Remarks

Applicant' Attorney hereby states that the change made in the sequence listing does not include new matter. SEQ ID NO.s: 5-20 are new, and support for adding these sequences to the sequence listing is found, inter alia, at page 27, lines 3-18 of the

specification. Applicant's undersigned attorney has amended the specification to direct the entry of this substitute Sequence Listing at the end of the application.

In accordance with 37 C.F.R. § 1.825(b), the paper copy of the Sequence Listing and the computer readable copy of the Sequence Listing submitted herewith are the same.

It is respectfully believed this application is now in condition for allowance. Early notice to this effect is earnestly solicited.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michele A. Cimbala
Attorney for Applicant
Registration No. 33,851

Date: Jan. 22, 2003

1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600